

The Fine Structure of the Excitation of  
Luminescence Spectra of Crystals of  $\text{MgI}_2$   
and  $\text{PbI}_2$ , by E. F. Gross, R. I. Shokhinmet'yev,  
4 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III,  
No 10, 1961, pp 3168-3166.

AIP

Sov Phys - Solid State  
Vol III, No 10

Sci

May 62

195,739

The Relationship Between the Edge Luminescence  
and the Structure of the Fundamental Absorption  
Edge, by K. P. Gross, R. I. Shekhamet'ev,  
4 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol III, No 3,  
1961, pp 889-894.

AIP  
Soviet Phys  
Vol III, No 3

Sci

168,731

Sep 61

The Low Temperature Luminescence and Absorption of  
BiI<sub>3</sub> Crystals, R. I. Shekhamet'yev, ~~pp~~ 3pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 2,  
1961, pp. 581-584.

AIP  
SOV Phys-Solid State  
Vol III, No 2

Sci  
Aug 61

166, 0.59

Investigation of Reflectance and Luminescence Spectra  
of Copper Halides at Low Temperature, by E. F. Gross,  
B. S. Razbirin, R. I. Sheldummet'yev, 3 pp.

RUSSIAN, per, Optika i Spektro, Vol VIII, No 2,  
1960, pp232-238.

OSA

Sci

149,082

Apr 61

SHEKHMER, ETAL

RU

CORROSION INHIBITING ADDITIVES FOR SULFER CONTAINING FUELS

KHIMIYA I TEKHNLOGIYA TOPLIV I MASEL, NO. 12  
• 1964, KHIMIYA, P47-51

FSTC-HT-23-1061-73

Shekhter, A., Roginskii, S., and Isaev, B.  
ELECTRON-MICROSCOPICAL INVESTIGATION OF  
CATALYSTS. I. ASBESTOS AS A CARRIER. [1961]  
p. 6 refs.  
Order from OTS or SLA \$1.10

61-18334

Trans. of Acta Physicochimica U.R.S.S., 1945, v. 20,  
p. 117-126 (also pub. in Akademiya Nauk SSSR,  
Otdelenie Khimicheskikh Nauk, Izvestiya, 1945,  
p. 322-328).

DESCRIPTORS: \*Catalysts, \*Electron microscopy,  
\*Asbestos fibers, Fibers.

The electron-microscopical method was applied to a  
study of carrier catalysts, in particular to oxide and  
metal contacts deposited on asbestos. The effect of  
heating on the structure of chrysotile and anthophyllite  
asbestos was studied and destruction of fibers, be-  
(Chemistry--Physical, TT, v. 7, no. 6) (over)

61-18334

I. Shekhter, A.  
II. Roginskii, S.  
III. Isaev, B.  
IV. Title: Asbestos ...

197035

Office of Technical Services

Semiconductor Device for Lengthening Pulses,  
by M. D. Frokhorov, N. A. Shakhovtsov, 10 pp.

RUSSIAN, per, Izvestiya Vyschikh Uchebnykh  
Zavedeniy SVIATO SSSR po Radiofizicheskoi  
Vol V, No 3, 1962, pp 394-396.

JPRS 16011

Sci

Nov 62

217,990

(NY-7167)

Influence of the Separation Boundary Between  
a Metal and a Semiconductor on the Electric  
Characteristics of Transistors, by N. A.  
Shekhovtsov, 10 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MViSSO  
SSR po Razdelu Radiotekh, Vol V, No 2,  
Mar/Apr 1962, pp 265-266.

JPRS 15475

Sci - Electronics

213, 787

Oct 62



(NY-7126)

Inductive Properties of a Double-Base Diode,  
by N. A. Shekhovtsev, E. D. Prokhorov, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO,  
SSSR, Radiotekh, Vol V, No 1, 19~~7~~62, pp ~~XXIX~~  
126-127.

JPRS 14401

Sci

Jul 62

202,934

Changes in the Large Joints in Rheumatic Fever  
(Histological and Histochemical Investigation),  
by A. B. Shekhter. 34 pp.  
RUSSIAN, per, Arkhiv Patologii, Vol 25, No 8,  
1968, pp 14-23.  
SLA TT-64-19294

*A. B. Shekhter*

Sci/B&M  
Jul 66

305,935

32

Some Problems of Radioactive Thermal Exchange  
in the Cloudy Atmosphere, by F. N. Shekhter,  
RUSSIAN, per, Trudy Glavnoy Geofizicheskoy  
Observatorii, No 187, 1966, pp 82-103.

\*ACSI J-2018

ID 2204911867

F. N. Shekhter

Sci-Atmos Sci  
Apr 67

64  
Some Results of Calculation of the Radi-  
ational Variation of Temperature in the  
Atmosphere Boundary Layer, by E. M. Karb-  
den and F. N. Shokhter, 13 p.  
RUSSIAN, per. Trudy, Glavaya Geofizich-  
eskaya Observatoriya, Leningrad, No 127,  
1967, pp 16-34. 9700123  
AFCHL T-2-488

*F. N. Shokhter*  
Sci-Hor Sci  
Apr 66 197,760

(NY-0710)

Experience in Teaching Roentgenology and  
Radiology at the Moscow Medical and Stomato-  
logical Institute, by I. A. Sheldter,  
A. S. Pavlov, 9 pp.

RUSSIAN, per, Medit Radiolog, No 5, ~~1961~~  
1961, pp 14-20.

JPRS 11077

175,401

Sci  
Dec 61.

Audio-Visual Syntheses and the Teaching of Spoken /2  
Language, by I. Yu. Shaliter, 5 pp;  
RUSSIAN, par, Vestnik Vysshey Shkoly, No 4, 1964,  
pp. 53-57.  
JPRS 30050

USSR  
Boc  
May 65

270,318

62-16578

Shekhter, L. N., Myasnikov, I. A., and  
Pehezhetkii, S. Y.  
CORRELATION BETWEEN THE CATALYTIC  
PROPERTIES OF ZINC OXIDE AND ZINC SULFIDE  
AND THEIR LUMINESCENCE. [1962] 6p. (4 figs.  
refs. omitted).  
Order from OTS or SLA \$1.10 62-16578

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1956,  
v. 109, no. 6, p. 1163-1166.

DESCRIPTORS: \*Luminescence, \*Sulfides, Oxides,  
\*Zinc compounds, Catalysis, \*Semiconductors,  
Conductivity, Crystals.

Experimental data show the existence of a linear  
relationship between catalytic and luminescent proper-  
ties of zinc oxide. These data confirm previous hy-  
potheses on the nature of catalytic centers of zinc  
oxide (at least in the relationship of the studied re-  
(Physics--Solid State, TT, v. 8, no. 9) (over)

I. Shekhter, L. N.  
II. Myasnikov, I. A.  
III. Pehezhetkii, S. Y.

C226012

Office of Technical Services

Spindle Coupling Steel Slide Blocks Automatically  
Surfaced with Bronze,  
by S. Ya. Shekhter, 4 pp.

RUSSIAN, par, Automat Svarka, No 9, 1960, pp 76-81.

EWRA

165,045

Sci.

Aug 61



TT-63-20257

Shekhter, Yu. N. Kalashnikov, V. P., and  
Goryacheva, V. I.

THE NITRATION OF MINERAL OILS. [1963] [8p]  
23refs

Order from OTS, SLA, or ETC \$1.10 TT-63-20257

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel  
(USSR) 1963 [v. 7, no. 1] p. 40-45. (Abstract  
available)

DESCRIPTORS: \*Nitration, \*Mineral oils, \*Lubricant  
additives, Fuel oil, Surface-active substances,  
Corrosion, Antioxidants,

Technology of production of a new oil-soluble corrosion  
inhibitor - the nitrated oil - was developed. Composi-  
tion of a new liquid protective lubricant NG-204 was  
developed on the basis of nitrated oil; this composition  
surpasses in efficiency analogous protective lubricants  
and is prospective from standpoint of production  
simplicity and raw-material availability. (Author)

I. Shekhter, Yu. N.  
II. Kalashnikov, V. P.  
III. Goryacheva, V. I.

0058055

(Materials--Lubricants,  
TT, v. 11, no. 4)  
Office of Technical Services

(DC-4700/1)

Setting the Norms for the Number of Procurement  
and Storehouse Personnel at Grain Procurement  
Enterprises, by A. Radov, Kh. Shekhtman, 6 pp.

RUSSIAN, per, Trud i Zarabotnaya Plata, No 7,  
1960, pp 29-33.

JPRS 6472

USSR  
Econ  
Jan 61

137,458

Operating Cycles and External Characteristics  
of a Twelve-Phase Cascade-Bridge Conversion  
Circuit, by M. G. Shekhtman.

RUSSIAN, per, Iz Ak Nauk Issled Inst  
Postoyannogo Toka, No 5, 1960, pp 23-63.

MLL/RTS 1899

Sci - Electricity

193,821

Apr 62

Experience of the mechanised hardfacing of crane  
wheels at the Alchevo iron and steelworks, by  
S. Ya. Shakhter, 5 pp.

RUSSIAN, per, Avtomat Svarka, No 3, 1962, pp 73-78.

ENRA

Sci

Feb 63

234,037

On the Experimental Verification of Unitary  
Symmetry of Strong Interactions, by V. M.  
Shekhter, 8 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,  
Vol XLIII, No 1, 1962, pp 205-215.

Amer Inst of Phys  
Sov Phys - JETP  
Vol ■ XVI, No 1

Sci

Jan 63

220,331

Symmetry Properties of Strong Interactions, by  
V. M. Shekhter, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI,  
No 3, 1961, pp 810-820.

AIP  
Sov Phys - JETP  
Vol XIV, No 3

Sci

201,721

Jun 62

On the Problem Concerning the Nature of Signal  
Phase, by N. V. Ageyev, V. Sh. Shekhtman, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, 1960,  
pp 309-311.

AEC Tr-4566

Sci.  
Aug 61

163,791

Catalytic Activity of Adsorption Platinum Catalysts  
in the Decomposition of Hydrogen Peroxide, by A. A.  
Lopatkin, V. I. Shakhobalova, V. P. Lebedev, 12 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVIII, No 12, 1954,  
pp 2222-2231.

Assoc Tech Serv 5(H)2R

Jul 58

69, 984



Karst Topography in the Southern Maritime Region  
[Primorye], by M. F. Kolbin, A. F. Shekhorkina,  
I. A. Shekhorin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 586-589.

AGI

Sci

Jun 61

154,628

Karst Topography in the Southern Maritime Region  
[Primorye], by M. F. Kolbin, A. F. Shekhorkina,  
I. A. Shekhorin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 586-589.

AGI

Sci

Jun 61

154,628

The Electron-Microscopic Study of Natural  
Phosphates. by S. I. Vol'fkovich, L. B. Grinshpan,  
A. B. Shekhter, 5 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXV, #  
1952, pp 137-139.

SLA R-2851

Sci

Jul 59

91,365

Study of Serological Types of Hemolytic Streptococci in Patients With Scarlet Fever and in Healthy Carriers, by A. B. Sheldater, 13 pp.\*

RUSSIAN, bk, Scarlatina, 1956, pp 137-144.  
CIA 197115

NIH

38,576

Sci - Medicine  
Sep 56 CTS/dec

SLA R-134/57  
SLA R-224/57

Electron Microscope Study of Surface Changes of  
Solid Catalysts During Use, by A. B. Shekhter,  
I. I. Tret'yakov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdelenie  
Khimicheskikh Nauk, No 3, 1953, pp 442-447.

CTA C 36692

Assoc Tech Svc  
~~Not for Release~~  
RJ-160

*Consultants Bureau*

Scientific - Chemistry

17447

Method of Preparing Replicas From Given Sub-  
microscopic Sections of Large Surfaces, by  
I. I. Tret'yakov, A. B. Shekhter, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol  
LXVI, No 2, 1949, pp 231-233.

CIA/YDD/X-1238

Scientific - Chemistry  
CTS/DEX

9822

also Sci Mus L 76 51/2752

Electron Microscope Studies of the Surface of  
Working Contacts, by S. Z. Roginskiy, I. I.  
Tren'yakov, A. B. Shekhter, 20 pp.

RUSSIAN, thrice-no per, <sup>4</sup> Zhur Pis Khim, Vol  
XXIII, No 1, 1949, pp 50-56.

CIA/RDD/X-1191

Scientific - Chemistry  
CTS/DEX

9171

Creep of Silver Atoms Along the Surface of Zinc-Oxide  
Crystals, by A. B. Shekhter, A. I. Echeistova, I. I.  
Tret'yakov.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXIV, No 2, 1950,  
pp 202 - 206.

AEC Tr 1096

*NLL M. 265*

Sci - Chem

Dec 51 CTS

*Dec 51 T-230*

*A-2030*



The Role of Radiant and Turbulent Heat Exchange  
in the Formation of the Temperature Stratification  
of the Boundary Layer of the Atmosphere, by  
L. A. Klyuchnikova, F. N. Shekhter, 8 pp.

RUSSIAN, per, Trudy Glav Geofiz Observ imeni  
A. I. Voznyakova, No 94, 1960, pp 33-38.

Amer Meteorol Soc T-R-380

Sci - Geophys  
Feb 62

184, 925

Calculating the Depth of Frost-Penetration in  
Soil and the Temperature of the Frost-Penetrated  
Soil, by F. N. Shakhter, 20 pp.

RUSSIAN, per, Trudy Leningrad Glavnaya Geofiz  
Obser, No 77, 1958, pp 7-19.

Amer Meteorol Soc  
AF Cambridge Res Center

Sci - Geophysics  
Jan 61.

137,650

The Present State ~~of~~ of Affairs ~~and~~ and Problems  
of X-Ray Diagnosis of Cancer of the Lung, by I.  
A. Shekhter, 10 pp.

RUSSIAN, par, Voprosy Onkologii, Vol V, No 8,  
1959, pp 227-235.

FP

Sci  
Aug 60

124,583

Difficulties and Errors in the X-Ray Diagnosis of  
Lung Cancer, by I. A. Shekhter, 6 pp.

RUSSIAN, per, Voprosy Onkologii, Vol III, No 5,  
1957, pp 589-595.

Pergamon Inst

Sci - Med  
Jan 59

78,659

The Effect of Erythropoiesis of Serum From Healthy and Anemic Subjects. Part I, Changes in the Blood and Bone Marrow, by S. Yu. Shekhter, A. Ya. Yaroshevskiy, 4 pp.

RUSSIAN, per, Byul Eksp. Biol i Med, Vol XLVIII, No 10, 1959, pp 23-26.

CB

Sci -  
Jul 60

121,085-

Reverse Thrust of Aircraft, by L. ~~Shekhter~~, ~~hon.~~

Full tr

RUSSIAN, np, Sovetskaya Aviatsiya, No 179 (2737),  
31 Jul 1957, p 3.

ATIC F-TS-9300/III

Sci - Aeronautics  
Nov 57

55, 617

The influence of Length in Tubular Steel Test-  
pieces on Deformation and Tensile Stress, by  
L. G. Afendik, L. I. Shakhter, 4 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VIII, No 1,  
1959, pp 85-89.

FP

Sci  
Oct 60

130,162

Investigation of the Correlation Between the  
Luminescence and the Catalytic and Adsorption Proper-  
ties of "Self-Activated" ZnO and ZnS Crystals (A),  
by I. N. Shekhter, I. A. Miasnikov and S. Ia.  
Fshezhetskii, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,  
No 5, 1957, pp 664-666.

Columbia Tech

Sci - Phys

Aug 58

71,796



The Action of Sera of Healthy Subjects and  
Anemic Patients on Erythropoiesis. II. The  
Mechanism of the Erythropoietic Action of Serum,  
by S. Yu. Shekhter, 3 pp.

RUSSIAN, per, Byul Eksp. Biol i Med, Vol XLIX,  
No 1, Jan 1960, pp 38-41.

CB

Sci  
Aug 60

126,159

The effect of sera from patients with  
anemia on erythropoiesis, by A. Ya.  
Yaroshevskiy and S. Yu. Shekhter, 11 pp.

RUSSIAN, par, Problemy Gematologii i  
Perelivaniya Krovi, Vol IV, No 4, 1959,  
pp 17-24.

Pergamon Press

Sci

Dec 59

103,638

Experience on Automatic Plating of Sheet-Rolls,  
by B. Ya. Shekhter, V. P. Gorelov, 3 pp.

RUSSIAN, par, Metallurg, No 1, 1958, pp 28, 29.

Consultants Bureau

Sci - Min/Met

Dec 58

77,437

Isotopic Structure of Weak Interactions and  
Processes Resulting From the Absorption of a  
Neutrino or Antineutrino by Nucleons, by V. M.  
Shekhter, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XII, No 6,  
1961, pp 1953-1961.

AIP  
Sov Phys - JETP  
Vol XIV, No 6

Sci

205,060

Jul 62

Hyperon Beta Decay, by V. H. Shokhter, 6 pp.

Russian, per, Zhur Eksper i Teoret Fiz,  
Vol XIV, No 2(6), 1958, pp 458-466.

Amer Inst of Phys  
Sov Phys - JETP  
Vol VIII(35), No 2

Sci - Phys

84,155

Apr 59

Possibility of Determining the Form Factors in  
Leptonic Decay of Hyperons, by V.P. Belov, B.S.  
Mingalev, V.M. Shekhter, 8 pp.

RUSSIAN, per, Zhur Ekaper 1 Teoret Fiz, Vol  
XXVIII, No 2, 1960, pp 541-552.

AIP  
Sov Phys - JETP  
Vol XI, No 2

Sci  
Nov 60

10<sup>3</sup>2, 8 //

On the Weak-Interaction Types Possible in the  
Scheme of Feynman and Gell-Mann, by V. M.  
Shekhter, 3 pp.

RUSSIAN, per, Zhur Ekspier i Teoret Fiz,  
Vol XXXVI(9), No 2, 1959, pp 581-584.

Amer Inst of Phys  
Sov Phys - JETP

Sci - Phys

Sept 59

97,183

On the Polarization of the Electrons Emitted in the  
Decay of Mu Mesons, by L. B. Okun<sup>1</sup>, V. M. Shekhtar,  
3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,  
No 5, 1958, pp 1250-1253.

Amer Inst of Phys  
Sov Phys - JETP  
Vol VII (34), No 5

Sci - Phys  
Dec 58

77,531



On the Production of  $\pi$ -Mesons by Protons on Nuclei  
of Various Elements, by A. A. Ansel'm, V. M.  
Shekhter, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIII,  
No 2 (8), 1957, pp 481-484.

Amer Inst of Phys  
Sov Phys-JETP  
Vol VI (33), No 2

Sci - Phys

May 58

64,251

Theory of the Additive Deformation Diagram and  
Calculation of the Actual Resistances to Rupture,  
by V. Ya. Shekhter.

RUSSIAN, per, Zavod Lab, No 8, 1949, pp 957-961.  
9661849

ATIC MCL 562/1

Sci - Phys  
Jun 61

155,539

Investigation of the Effects of Certain Impurities on  
Cementation (Contact Precipitation) of Gallium by  
Sodium Amalgam, by A. T. Nizhnik and Z. V. Shekhter,  
5 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXV, No 2,  
1961, pp 295-300.

CB

Sci

233,456

Jan 62

Experience in Regulating the Vitamin C  
Supply of the Body, by G. A. Shekhtman

RUSSIAN, no per, Voyenno Med Zhur, No 1,  
Moscow, Jan 1960, pp 81-83

US JPRS 2641-N

Sci

Jun 60

118,055

Regulation of the Vitamin A Supply of  
the Body, by G. A. Shekhtman.

RUSSIAN, no per, Voenno Med Zhur, No 12,  
Moscow, Dec 1959, pp 63-65

US JPRS 2313

Sci

Mar 60

109,700

Radiation in the Problems of Gas Dynamics, by  
E. Larish, I. Shekhtman, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol  
CXIII, No 5, 1957, pp 1010-.

Consultants Bureau

55,957

Sci - Physics  
Dec 57

Propagation of Detonation Waves in the Presence  
of a Magnetic Field, by M. Larish , I. Shcheglov,  
4 pp.

RUSSIAN, per, Zhur Zhur 1 Teoret Fiz, Vol XXIV,  
No 1(7), 1958, pp 805-807.

Amer Inst of Phys  
Sov Phys-JETP  
Vol VIII(35), No 1

Sci - Phys

Feb 59

82,306

(NY-6718)

Physical Realization of Devices to Perform Logic Functions, by M. L. Tsamlin, L. M. ENKEM  
Shakhmatov, 12 pp.

RUSSIAN, per, Primeneniye Logiki v Nauke i  
Tekhnika, 1960, pp 377-393.

JPRS 10984

Sci - Phys

175, 481

Dec 61



(DC-4:05)

On Push-pull Ferrotransistor Circuits With  
Aperiodic Reading, by M. L. Petlin, L. M.  
Snokhtman, 9 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 3, 1960,  
pp 89-94.

JPRS 6670

Sci - Math

Feb 61

140,056

Some Regularities in the Formation of Compounds of  
Rhenium With Transition Metals, by N. V. Ageyev,  
V. Sh. Shekhtman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,  
pp 1011-1013.

CB

126,406

Sci  
Aug 60

The X- and  $\gamma$ -Irradiation Dose Curves For  
B. Coli Communis, by Ya. L. Shakhman, V. I.  
Plokhov, G. V. Filipova, 6 pp.

*Russian*  
~~Full Translation of Soviet Periodical Biophys,~~  
Vol III, No 4, 1958, pp 486-492.

Pergamon Inst

Sci - Biol

Apr 59

86,056

(2229-7)

A Scientific Conference on the Problem, "The Effect of Ionizing Radiations Upon The Animal Organism", by Ya. I. Shukhtman, 5 pp.

RUBENIAN, per, Izvestiya Ak Nauk SSSR, Seriya Biologicheskaya, No 6, 1958, pp 758-760.

JPRS L-675-B

Sci - Med  
Mar 59

83,136

role of Peroxides and Oxygen in the First Stages  
of the Radiobiological Effect. Oxygen and the  
Theory of the Primary Radiobiological Effect,  
by Yu. L. Shekhtman. 50

RUSSIAN, per, Akad. Nauk SSSR, Institut Biolo-  
gicheskoi Fiziki, 1960, pp 116-135. PB11069467  
AIC RP-tr-1463

Yu. L. ~~Shekt~~  
Shekhtman

Sci/BG1  
Mar 67

518,645

The Law of Reciprocity and the Biological Effects of  
Fast Electrons, <sup>1/2</sup>Ya. L. Shekhtman, G. B. Radzyevskiy,  
A. A. Zotinkov, P. Ya. Glazunov, 6 pp.

RUSSIAN, per, Biofiz, Vol III, No 3, 1958,  
pp 312-319.

~~Pergamon Inst~~

Sci - Med

Mar 59

82,509

S-5204

(NY-2642)

The Primary Mechanism of the Biological Action of  
Radiation, by Ya. L. Shekhtman, 24 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 2,  
Moscow, 1959, pp 172-184.

JPRS-L-822-N

Sci - Medicine  
K Jun 59

89,732

Formation of Crystalline Ice in Wheat Grains on  
Deep Cooling, by G. B. Radziyevskiy, Ya. L.  
Shekhtman, 6 pp.

Full tr

RUSSIAN, bino per, Kolloid Zhur, Vol XVIII, No 1,  
1956, pp 77-82. CIA 9000405

Consultants Bureau

38,683

Sci - Chemistry  
Sep 56 CTS



(NY-6642/b)

On the Problem of Forecasting the Pressure  
Field at High Altitudes, by Ye. D. Shekhtman,  
8 pp.

RUSSIAN, per, Trudy Kazakhskogo Nauchno-  
Issledovatel'skogo Gidrometeorologicheskogo  
Instituta, Vol XV, 1960, pp 27-31.

JPRS 10215

171, 116

Sci - Geophys

Oct 61

Acetylation of Unsaturated Hydrocarbons. II.  
Acetylation of Phenylacetylene and Heptyne-1 With  
Acetic Anhydride in the Presence of Zinc Chloride,  
by V. N. Belov, G. Z. Shekhtman, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 9,  
USSR, Sep 1953, pp 1501-1503. CIA D 151000

Consultants Bureau

Scientific - Chemistry

CTB 64/Jan 55

20,923

A Study of the Decoloration of Methylene Blue Under  
the Influence of Roentgen Rays, by I. L. Shekhtman,  
A.A. Kraenovskii, and I. V. Vereschinskii.

Full translation.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol LXXIV, No 4,  
pp 767-779, 1950.

AEC Tr 1215

Scientific - Chemistry

RT 2160

A-6117

(NY-3292).

Push-Pull Ferrite Transistor Circuits and  
Algebraic Method of Synthesizing Them, by M. L.  
Tsotlin, L. M. Shekhtman, 57 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 2, 1959,  
pp 139-180.

JPRS 2352

Sci - Math  
Mar 60

111,065

Fluid Flow Near the Bottom of the Hole During  
Hydraulic Formation Fracturing by Yu. M. Shekhtman,  
I. F. Kuranov, A. A. Larin, 7 p.

RUSSIAN, per, Neft Khoz, 1958, Vol XXXVI, No 12,  
pp 40-45.

<sup>4</sup>  
ATS-68L35R

Sci  
Apr 60  
Vol III, No 2

111,694

Hydroacoustic Communications System with 54  
Pulse-Time Signal Modulation, by V. B.  
Shekhrator, 19 pp.  
RUSSIAN, per, Trudy Instituta Okeanologii,  
Vol LXXV, 1964, pp. 157-170.  
JPRS 33651

*V. B. Shekhrator*

USSR  
Sci-28/A  
Jan 66

294,869

The Influence of "Regenerator" and "Vitreous  
Substance" On the Development of Ehrlich's  
Tumour, by V. P. Shekonin, 5 pp.

RUSSIAN, per, Voprosy Onkologii, Vol V, No 10,  
1959, pp 407-410.

PP

Sci

Aug 60

124, 274

Intergranular Cracks in the Heat  
Affected Zone When Welding Aus-  
tenitic Steels and Alloys, by  
B. I. Medovar, L. V. Shakotilo,  
5 pp.

RUSSIAN, per, Svaroch Prois, No 4, 1962,  
pp 17-20.

EMRA

Sol

232,736

Apr 63



Carrier state of cytopathogenic enteroviruses in  
normal children--I. Frequency of carrier state  
of cytopathogenic enteroviruses in normal children,  
by L. A. Shokoyan, 6 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI, No 1, 1961.

PP

Sci

186,129

Mar 62

Serological Changes in Healthy Children Under the  
Influence of Latent Infection Caused by Wild Strains  
of ~~Polio~~ Poliomyelitis Virus, by L. A. Shekoyan,  
6 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI, No 4,  
1961, pp 440-444.

PP .

Sci

Oct 62

216,090

On the Interaction of Chlorides of Hafnium,  
Niobium and Tantalum with Phosphorus Oxychloride,  
by V. A. Vovtovich, I. A. Sheks.

RUSSIAN, per, Dopovidi Ak Nauk Ukr RSR, Vol VIII,  
1958, pp 849-852.

CCT-1736B

Sci - Chem  
Dec 59

103,000

The Effect of Vitamin B<sub>1</sub> on Digestive Gland  
Secretion. Communication I. Gastric Gland  
Secretion in Dogs with Experimental Vitamin B<sub>1</sub>  
Deficiency, by L. A. Shekun, 5 pp.

RUSSIAN, per, Byul Eksp<sup>er</sup> Biol I Med, Vol ~~XLIII~~ XLIII,  
No 7, 1957, pp 45-49.

Consultants Bureau

Sci - Med

Jun 58

65,434

The Absorptive Function of the Small Intestine  
After Subtotal Resection of the Stomach. Com-  
munication I. Changes in the Absorption of  
Glucose and Water by the Small Intestine  
After Partial Resection of the Stomach, by L. A.  
Shokun, 5 pp.

RUSSIAN, ~~\*\*\*~~, Byul Eksper Biol i Med, Vol XLVI,  
No 9, 1958, pp 19-23.

Consultants Bureau

Sci - Med  
Jun 59

90,104

Correlation Between Changes in Higher Nervous Activity  
and the Secretory Function of the Stomach During  
B<sub>1</sub>-Avitaminosis in Dogs, by L. A. Shekun, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVI,  
No 7, 1958, pp 3-6.

Consultants Bureau

Sci - Med

Mar 59

82,523

On the Rotation of the Plane of Polarization of  
Microwaves in Paramagnetic Substances, by L. Ya.  
Shchukin, 4 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,  
No 11, 1956, pp ~~XXIX~~ 1261-1264.

2

Columbia Tech

58, 245

Sci - Physics  
Jan 58

ASSEMBLY AND FITTING OPERATIONS, BY  
YE. F. SHCHERBACH, V. V. BOYTSOV,  
V. P. GRIBOR TEV, 595 PP.

RUSSIAN, BK, 380SCHNIVYE I MONTAZHIVYE  
RABOTY, 1959, PP 67 77, 93 97, 99 111,  
121 176, 192 194, 201 204, 207 276.  
9671475 V

FTD NCL 819/1

SCI ENGR

7 NOV 61

173, 106



Shokurov, K.

Tsement, Vol. 4, No. 1, 1 figure, 1 table, 1900 words;  
1936.

Satibility of New Types of Refractory Lining Materials.

Brutcher Trans, Order No. 406, \$1.90

A-10869

High-Speed Remote Electrobathythermograph With  
Acoustic Signal Transmission, by V. G. Volkov,  
B. V. Shekhyatov.

RUSSIAN, per, Trudy Instituta Okeanologii Ak  
Nauk SSSR, Vol XXIV, 1957, pp 215-226.

DSIR LLJ M.1439  
(loan)

Sci - Electron

Oct 60

128,772

Specific Parameters of the Equipment of the Converter  
Substations of the Direct Current Transmission Line,  
Tashira-Moscow, by M. G. Shekman, N. A. Shipulina.

RUSSIAN, per, Iz Nauch-Issled Instituta Postoyannogo  
Toka, Vol III, 1958, pp 129-142.

DSIR LIJ M.1507  
(loan)

sci - Electricity

128,747

act 60

Measuring Stresses in Metals by the Eddy-Current 49  
Method, by M. N. Shel' 9 pp.  
RUSSIAN, per, Khimicheskiye i Neftyanoye Mash-  
inostroyeniye, No 4, 1964, pp 35-37. 9700443  
FTD-TT-65-1892

*M. N. Shel'*

Sci/NSM  
Jun 66

302,531

TT-63-24508

Shelagurov, A. A., Yurenev, P. N., Poroshina,  
Yu. A., and Alekseeva, T. A.  
A STUDY OF ALLERGIC FACTORS IN THE CLINIC  
OF INTERNAL DISEASES: PRELIMINARY REPORT  
(Izucheniye Allergicheskikh Faktorov v Klinike  
Vnutrennikh Boleznei. Predvaritel'noe Soobshchenie).  
[1963] [17p] 13refs FASEB manuscript no. S 333-3.  
Order from OTS, SLA, or ETC \$1.60 TT-63-24508

Trans. of Sovetskaya Meditsina (USSR) 1963, v. 26,  
no. 2, p. 17-23.

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- I. Shelagurov, A. A.
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- III. Poroshina, Yu. A.
- IV. Alekseeva, T. A.
- V. FASEB-S-333-3
- VI. Federation of American  
Societies for Experimental  
Biology,  
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- VII. Scripta Technica, Inc.,  
Washington, D.C.

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(Biological Sciences--Pathology, TT, v. 11, no. 5)